

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A non-volatile recording medium for recording a digital audio signal, said recording medium comprising:
- a block-segmenting element to segment the digital audio signal into a plurality of blocks,
each block having that has been compressed at a compression rate selectable in a predetermined
range and block-segmented in a predetermined data length, wherein the predetermined data
length selected to provide of which the digital audio data is block-segmented is decided in
consideration of the a maximum recordable time on the recording medium and the a maximum
encryptable data length of which the digital audio signal is encrypted; and
- a¹ a compressor to compress the digital audio signal at a compression ratio selectable in a
predetermined range.

2. (currently amended) The non-volatile recording medium as set forth in claim 1,
wherein the recordable capacity of the non-volatile recording medium is 64 Mbytes.

3. (currently amended) The non-volatile recording medium as set forth in claim 1,
wherein the predetermined range of the compression ratio is from 1/8 to 1/43.

4. (currently amended) The non-volatile recordinging medium as set forth in claim 1, wherein the maximum encryptable data length of ~~which the digital audio data is encoded~~ is a multiple of 8 or 16 bits.

5. (currently amended) The non-volatile recordinging medium as set forth in claim 1, wherein the maximum recordable time on the recording medium is ~~a time period of which a data file of around~~ between approximately 60 minutes or around and 74 minutes is recorded.

6. (currently amended) The non-volatile recordinging medium as set forth in claim 1, wherein the non-volatile recordinging medium is a flash memory.

a1 7. (currently amended) The non-volatile recordinging medium as set forth in claim 6, wherein the predetermined data length of ~~which the digital audio signal is block segmented~~ is selected in consideration of the record unit of the flash memory.

8. (currently amended) A recording method for recording a digital audio signal on a non-volatile recording medium, said recording method comprising:

~~that has been compressed at a compression rate selectable in a predetermined range and block segmented in a predetermined data length to a non-volatile record medium, comprising the steps of:~~

block segmenting the digital audio signal into a plurality of blocks, each block having
~~deciding the a predetermined data length of which the digital audio signal is block segmented~~

~~corresponding to the selected to provide a maximum recordable time on the recording medium~~
~~and the a maximum encryptable data length of which the digital audio signal is encrypted; and~~
~~block-segmenting the encrypted digital audio signal corresponding to the decided~~
~~predetermined data length; and~~
~~recording the block-segmented digital audio signal to the non-volatile record medium~~
~~compressing the block-segmented digital audio signal at a compression ratio selectable in~~
~~a predetermined range.~~

9. (original) The recording method as set forth in claim 8, wherein the recordable capacity of the non-volatile record medium is 64 Mbytes.

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10. (original) The recording method as set forth in claim 8, wherein the predetermined range of the compression ratio is from 1/8 to 1/43.

11. (currently amended) The recording method as set forth in claim 8, wherein the maximum encodable data length of which the digital audio data is encoded is a multiple of 8 or 16 bits.

12. (currently amended) The recording method as set forth in claim 8, wherein the maximum recordable time on the recording medium is a time period of which a data file of around between approximately 60 minutes or around and 74 minutes is recorded.

13. (currently amended) The recording method as set forth in claim 8, wherein the non-volatile recording medium is a flash memory.

14. (currently amended) The recording method as set forth in claim 13, wherein the predetermined data length of which the digital audio signal is block-segmented is selected in consideration of the record unit of the flash memory.

15. (currently amended) A recording apparatus for recording a digital audio signal on that has been compressed at a compression rate selectable in a predetermined range and block-segmented in a predetermined data length to a non-volatile recording medium, said recording apparatus comprising:

a1 memory means having a table for deciding the predetermined data length of which the digital audio signal is block-segmented corresponding to the maximum recordable time and the data length of which the compressed digital audio signal is encrypted;

selecting means for selecting a predetermined compression rate in the predetermined range;

deciding means for deciding the predetermined data length of which the encrypted digital audio signal is block-segmented with reference to the table of said memory means corresponding to the predetermined compression rate selected by said selecting means;

block-segmenting means for block-segmenting the encrypted digital audio signal into a plurality of blocks, each block having corresponding to the a predetermined data length decided by said deciding means selected to provide a maximum recordable time on the recording medium and a maximum encryptable data length of the digital audio signal; and

~~recording means for recording the digital audio signal block segmented by said block~~
~~segmenting means to the non-volatile record medium~~
means for compressing the block-segmented digital audio signal at a compression ratio
selectable in a predetermined range.

16. (original) The recording apparatus as set forth in claim 15, wherein the recordable capacity of the non-volatile record medium is 64 Mbytes.

17. (original) The recording apparatus as set forth in claim 15, wherein the predetermined range of the compression ratio is from 1/8 to 1/43.

18. (currently amended) The recording apparatus as set forth in claim 15, wherein the maximum encryptable data length of which the digital audio data is encoded is a multiple of 8 or 16 bits.

19. (currently amended) The recording apparatus as set forth in claim 15, wherein the maximum recordable time is a time period of which a data file of around between approximately 60 minutes or around and 74 minutes is recorded.

20. (currently amended) The recording apparatus as set forth in claim 15, wherein the non-volatile recording medium is a flash memory.

21. (currently amended) The recording apparatus as set forth in claim 20, wherein the predetermined data length of ~~which the digital audio signal is block-segmented~~ is selected in consideration of the record unit of the flash memory.
